

**Via FTP Site Submittal and/or Federal Express**

August 14, 2014

Alison Hess, Standard Chlorine Chemical Co. RPM  
U.S. Environmental Protection Agency, Region 2  
Special Projects Branch  
Emergency and Remedial Response Division  
290 Broadway, 19th Floor  
New York, New York 10007-1866

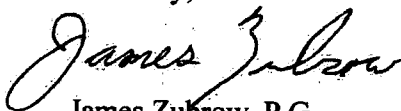
**Re: Monthly Progress Report – July 2014  
Standard Chlorine Chemical Co., Inc. Site  
Kearny, Hudson County, New Jersey**

Dear Ms. Hess:

On behalf of the Performing Parties Group (Group), please find enclosed one hard copy of the July 2014 Monthly Progress Report for the Standard Chlorine Chemical Co., Inc. (SCCC) Site located in Kearny, New Jersey. This report has been prepared to address the monthly reporting requirements listed in Section V (Task 4 – Implementation of the RI/FFS Work Plan) of a Remedial Investigation/Focused Feasibility Study (RI/FFS) Statement of Work (SOW) issued by the United States Environmental Protection Agency (EPA) as Appendix A of an Administrative Settlement Agreement and Order on Consent for Remedial Investigation/Focused Feasibility Study (Agreement) for the SCCC Site. An electronic copy of the report has been uploaded to the FTP site that has been established for the SCCC Site.

Please feel free to contact me at (412) 279-3363 if you have questions concerning this submittal.

Sincerely,



James Zubrow, P.G.  
Project Manager

cc: Jay Nickerson – NJDEP  
Leena Raut – EPA (electronic copy)  
Frances Zizila – EPA (electronic copy)  
Mitch Brouman – Beazer c/o TRMI (electronic copy)  
Teresa Jordan – Tierra (electronic copy)  
Nelson Olavarria – Cooper Industries, LLC (electronic copy)  
John McTigue – The Isosceles Group (electronic copy)

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**STANDARD CHLORINE CHEMICAL CO. INC. SUPERFUND SITE  
MONTHLY PROGRESS REPORT  
JULY 2014**

**I. Actions Completed During the Reporting Period (July 2014)**

Revisions to the Screening Level Ecological Risk Assessment (SLERA) were completed to address the comments received from the United States Environmental Protection Agency (EPA) on June 18, 2014. The revised SLERA was submitted to the EPA on July 9, 2014.

Preparation of the Community Update requested by EPA was completed and submitted to EPA on July 18, 2014.

A scope of work for investigation of the dichlorobenzenes in a localized area south of the Site and outside of the barrier wall was submitted to EPA on July 24, 2014. EPA approved the plan on July 24, 2014.

Preparation of a response to the July 28, 2014 New Jersey Department of Environmental Protection (NJDEP) comment on the revised SLERA was initiated.

Preparation of the Baseline Human Health Risk Assessment (BHHRA) continued.

Implementation of the Cultural Resources Survey Work Plan continued.

**II. Results of Sampling and Tests and Data Received by Respondents**

No data were received by Respondents during the reporting period.

**III. Work Planned for the Next Two Months (August and September 2014)**

A response to the July 28, 2014 NJDEP comment on the revised SLERA was submitted on August 4, 2014.

Preparation of the Baseline Human Health Risk Assessment will be completed.

Implementation of the Cultural Resources Survey Work Plan will continue.

The approved scope of work for investigation of the dichlorobenzenes in a localized area south of the Site and outside of the barrier wall will be implemented.

Monthly progress reports will be prepared and submitted to EPA.

Implementation of the Remedial Investigation/Focused Feasibility Study Work Plan will continue.

**IV. Problems Encountered/Anticipated Delays**

No problems were encountered. No delays are anticipated.

**V. Operations and Maintenance Information**

Routine operations and maintenance activities were completed. A summary of operations and maintenance activities are provided on a quarterly-basis. The summary for the second quarter of 2014 is included as Appendix A of this report.

## **APPENDIX A**

## 1.0 DESCRIPTION OF ACTIVITIES COMPLETED

### 1.1 HYDRAULIC CONTROL TREATMENT SYSTEM (HCTS)

- Continued routine HCTS operation, monitoring, inspection, and reporting efforts as summarized below:
  - Average monthly flows for April, May, and June 2014 were 23.8 gpm, 29.6 gpm, and 26.2 gpm, respectively. The total volume of water treated this reporting period was 3,627,195 gallons.
  - Monthly NJPDES sample collection pursuant to NJ Permit No. NJ0155438 was completed. There were no exceedances of permit monitored constituents noted during this period. Whole Effluent Toxicity (WET) via Method 1002.0 (Mysidopsis Bahia), was reported at  $IC_{25} > 100\%$  growth.
  - Water level gauging data collected during the reporting period from the piezometers, hydraulic control wells, and DNAPL recovery wells are provided in Table 1. Despite infiltrating precipitation, water level data trends are favorable in general and continue to indicate movement towards inward gradients across the slurry wall. A graph showing historical groundwater gradient data is provided as Figure 1 of this submittal.

Figures 2 and 3 provide May 2014 potentiometric surface data (representing the most typical HCTS operational scenario for the reporting period), for both the shallow and deep monitoring zones, respectively. Figure 2 shows pronounced gradients toward HCWs across the site within the shallow fill unit, as well as a significant differential between inner and outer slurry wall piezometer pairs, indicating that the slurry wall is functioning as an effective hydraulic barrier. Potentiometric surface contours for the deep sand unit are provided on Figure 3. As indicated, the hydraulic gradient in the sand unit is essentially flat over the western two-thirds of the area enclosed by the barrier wall system. Slightly higher potentiometric surface elevations were measured on the unpaved Seaboard Site portion of the containment area, which could be indicative of localized recharge. Similar to the shallow unit, substantial differentials between the water levels inside and outside of the slurry wall exist, which is an indication of the lack of hydraulic communication and groundwater flux through the barrier wall in the deep sand unit.

**STANDARD CHLORINE CHEMICAL CO. INC. SITE- O&M STATUS REPORT**  
**QUARTERLY OPERATIONS MAINTENANCE AND MONITORING REPORT No. 06**  
**REPORTING PERIOD - APRIL - JUNE 2014**  
**KEARNY, NEW JERSEY**

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Figures 4, 5, and 6 present graphs of the monthly (April, May, and June 2014, respectively) water level measurements made in the shallow unit piezometers inside and outside of the slurry wall and the nearest hydraulic control well. The graphs show that hydraulic gradients inside the barrier wall continue to be inward toward the hydraulic control wells. The graphs also show substantial differentials continue to exist between the water levels inside and outside of the slurry wall. Such differentials are indicative of a lack of hydraulic communication between the fill unit inside and outside of the barrier wall, and are demonstrative of the effective containment resulting from the low permeability barrier wall system.

## **1.2 DNAPL RECOVERY**

DNAPL recovery efforts for the second quarter of 2014 produced 401 gallons of DNAPL. A total of 4,656 gallons of DNAPL have been recovered from the DNAPL recovery well network since January 2012. Total DNAPL recovery to date is provided in the summary table below.

Beginning in the second quarter of 2014, DNAPL recovery has been initiated at several of the DRWL locations at thicknesses of less than the previous set criteria of 5 feet. This more aggressive DNAPL recovery program was implemented to increase DNAPL recovery at locations observed to have slower or limited recharge of DNAPL between gauging events which did not meet the 5 feet accumulated DNAPL criteria.

<b>Well ID</b>	<b>April 2014 DNAPL Recovery (gal)</b>	<b>May 2014 DNAPL Recovery (gal)</b>	<b>June 2014 DNAPL Recovery (gal)</b>	<b>Total DNAPL Recovered (gal)</b>
DRWL-1	50	NR	22	334
DRWL-5	53	NR	NR	318
DRWL-7	NR	NR	NR	50
DRWL-9	NR	23	NR	879
DRWL-10	53	NR	NR	108
DRWL-11	68	53	79	2,967

**1.3 NON-HCTS INSPECTIONS**

- Continued post-construction inspections.

**1.4 ADDITIONAL COMPLETED EFFORTS**

- Fresh Water Wetlands Spring Planting and Goose Fence Installation was completed in May 2014.

**2.0 PROJECTED FUTURE ACTIVITIES**

**2.1 HCTS RELATED EFFORTS**

- Continue routine HCTS operations, monitoring and maintenance.
- Continue dewatering of electrical pull boxes to assess and repair electrical runs from the HCTS building to individual HC and DR well control panels.
- Passive DNAPL recovery will continue.

**2.2 NON-HCTS RELATED EFFORTS**

- Routine Non-HCTS (consolidation area and IRM surface covers) inspections and maintenance will continue.
- Soil erosion areas and re-vegetation issues will be addressed, as necessary.
- Quarterly inspections of the surface cover systems and repair (as necessary) will continue.

**STANDARD CHLORINE CHEMICAL CO. INC. SITE- O&M STATUS REPORT**  
**QUARTERLY REPORT No. 06**  
**REPORTING PERIOD - APRIL - JUNE 2014**  
**KEARNY, NEW JERSEY**

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**TABLES**

Table 1

**Standard Chlorine Chemical Co., Inc.  
2nd Quarter 2014 Progress Report**

**HCTS Gauging Data Summary**

Well ID	Top of Casing Elevation MSL (NAD 83)	Apr-14			May-14			Jun-14		
		Depth to Water (ft-TOC)	Total Depth (ft- TOC)	Groundwater Elevation MSL (NAD 83)	Depth to Water (ft-TOC)	Total Depth (ft- TOC)	Groundwater Elevation MSL (NAD 83)	Depth to Water (ft-TOC)	Total Depth (ft- TOC)	Groundwater Elevation MSL (NAD 83)
HC-PZ-1U	11.18	6.45	16.75	4.73	6.10	16.71	5.08	6.07	16.72	5.11
HC-PZ-2U	11.32	6.13	16.10	5.19	6.46	16.10	4.86	6.49	16.10	4.83
HC-PZ-3U	10.33	6.03	15.01	4.30	6.33	14.97	4.00	6.05	15.02	4.28
HC-PZ-4U	10.16	3.38	14.60	6.78	3.53	14.60	6.63	3.59	14.60	6.57
HC-PZ-6U	7.15	1.04	9.43	6.11	1.38	9.44	5.77	1.44	9.42	5.71
HC-PZ-7U	6.51	0.28	8.88	6.23	0.81	8.92	5.70	0.75	8.91	5.76
HC-PZ-8U	7.75	2.24	11.90	5.51	2.3	11.90	5.45	2.17	11.90	5.58
HC-PZ-9U	8.18	2.91	12.20	5.27	2.84	12.20	5.34	2.60	12.19	5.58
HC-PZ-10U	6.05	3.31	9.54	2.74	3.45	9.51	2.60	3.14	9.51	2.91
HC-PZ-11U	6.3	4.53	9.80	1.77	4.53	9.80	1.77	4.61	9.80	1.69
HC-PZ-12U	5.35	2.33	8.43	3.02	2.54*	8.43*	2.81	2.14	8.43	3.21
HC-PZ-13U	4.76	1.94	8.40	2.82	2.11*	8.38*	2.65	2.19	8.40	2.57
HC-PZ-14U	6.03	2.14	10.03	3.89	2.3	10.05	3.73	2.22	10.05	3.81
HC-PZ-15U	8.28	4.80	11.73	3.48	4.79	11.75	3.49	4.96	11.72	3.32
HC-PZ-1L	11.48	7.75	25.10	3.73	7.62	25.09	3.86	7.55	25.10	3.93
HC-PZ-2L	12.15	8.86	23.98	3.29	8.68	23.98	3.47	8.66	23.90	3.49
HC-PZ-3L	9.97	6.18	23.54	3.79	6.21	23.56	3.76	6.13	23.50	3.84
HC-PZ-4L	9.17	6.36	20.56	2.81	6.24	20.55	2.93	5.09	20.55	4.08
HC-PZ-6L	6.06	3.04	16.86	3.02	2.79	16.87	3.27	2.79	16.85	3.27
HC-PZ-7L	5.5	1.01	17.00	4.49	0.76	16.99	4.74	0.79	16.99	4.71
HC-PZ-8L	8.3	3.44	21.50	4.86	3.35	21.50	4.95	3.12	21.50	5.18
HC-PZ-9L	8.57	3.82	21.00	4.75	4.79	21.00	3.78	3.28	21.00	5.29
HC-PZ-10L	5.8	1.68	18.78	4.12	2.22	18.75	3.58	2.12	18.75	3.68
HC-PZ-11L	6.91	4.81	19.10	2.10	4.77	19.10	2.14	4.87	19.10	2.04
HC-PZ-12L	5.07	1.60	15.78	3.47	1.6*	15.75*	3.47	1.42	16.76	3.65
HC-PZ-13L	4.77	2.44	16.25	2.33	2.44*	16.18*	2.33	2.53	16.19	2.24
HC-PZ-14L	6.43	2.68	18.90	3.75	2.67	18.88	3.76	2.53	18.85	3.90
SC-MW-16L	8.02	4.50	19.80	3.52	4.69	19.80	3.33	4.71	19.81	3.31

Table 1

Standard Chlorine Chemical Co., Inc.  
2nd Quarter 2014 Progress Report

HCTS Gauging Data Summary

Well ID	Top of Casing Elevation MSL (NAD 83)	Apr-14			May-14			Jun-14		
		Depth to Water (ft-TOC)	Total Depth (ft- TOC)	Groundwater Elevation MSL (NAD 83)	Depth to Water (ft-TOC)	Total Depth (ft- TOC)	Groundwater Elevation MSL (NAD 83)	Depth to Water (ft-TOC)	Total Depth (ft- TOC)	Groundwater Elevation MSL (NAD 83)
HCWU-1	10.30	9.72	13.60	0.58	9.75	13.60	0.55	5.32	13.60	4.98
HCWU-2	10.91	11.15	14.15	-0.24	10.51	13.99	0.40	10.81	14.12	0.10
HCWU-3	9.85	9.75	13.87	0.10	10.11	13.80	-0.26	9.53	13.85	0.32
HCWU-4	8.54	11.22	12.95	-2.68	4.61	12.95	3.93	7.95	12.92	0.59
HCWU-5	8.16	5.13	12.32	3.03	5.80	12.44	2.36	5.16	12.37	3.00
HCWU-6	5.84	4.03	10.35	1.81	4.80	10.39	1.04	4.24	10.35	1.60
HCWU-7	5.52	0.13	8.74	5.39	5.15	8.70	0.37	4.96	8.71	0.56
HCWU-8	5.65	0.02	11.90	5.63	9.95	11.15	-4.30	8.85	11.88	-3.20
HCWU-9	5.66	4.51	6.85	1.15	4.40	6.30	1.26	4.14	7.00	1.52
HCWU-10	4.28	2.25	7.60	2.03	3.49	7.61	0.79	3.23	7.62	1.05
HCWU-11	5.96	0.98	8.38	4.98	3.05	8.37	2.91	2.02	8.36	3.94
HCWU-12	5.26	4.95	8.11	0.31	4.80	8.30	0.46	5.15	8.35	0.11
HCWU-13	4.14	1.98	7.85	2.16	4.50	7.85	-0.36	1.55	7.80	2.59
HCWU-14	2.95	-0.71	5.45	3.66	-0.81	5.30	3.76	-0.72	5.42	3.67
HCWU-15	4.44	6.18	8.80	-1.74	4.04	8.80	0.40	5.11	8.76	-0.67
HCWU-16	3.98	0.21	8.50	3.77	1.93	8.50	2.05	0.32	8.50	3.66
HCWU-17	3.31	-0.49	7.50	3.80	-0.42	7.50	3.73	-0.35	7.50	3.66
HCWU-18	3.16	-0.54	6.50	3.70	-0.64	6.50	3.80	-0.67	6.50	3.83
HCWU-19	2.97	-0.87	8.41	3.84	-0.98	8.41	3.95	-2.27	8.40	5.24
HCWU-20	3.32	1.81	7.30	1.51	0.93	7.30	2.39	0.73	7.28	2.59
HCWU-21	13.41	11.63	16.60	1.78	11.78	16.60	1.63	11.51	16.60	1.90
HCWU-22	4.99	3.45	9.70	1.54	4.05	9.70	0.94	2.98	9.72	2.01
HCWU-23	12.51	11.86	16.28	0.65	12.11	16.28	0.40	12.16	16.25	0.35
HCWU-24	8.78	10.05	13.19	-1.27	10.30	13.19	-1.52	8.81	13.21	-0.03
HCWU-25	12.47	13.41	16.35	-0.94	13.73	16.35	-1.26	14.32	16.33	-1.85
HCWU-26	9.58	7.30	14.38	2.28	11.20	14.40	-1.62	11.35	14.41	-1.77

Table 1

Standard Chlorine Chemical Co., Inc.  
2nd Quarter 2014 Progress Report

## HCTS Gauging Data Summary

Well ID	Top of Casing Elevation MSL (NAD 83)	Apr-14			May-14			Jun-14		
		Depth to Water (ft-TOC)	Total Depth (ft- TOC)	Groundwater Elevation MSL (NAD 83)	Depth to Water (ft-TOC)	Total Depth (ft- TOC)	Groundwater Elevation MSL (NAD 83)	Depth to Water (ft-TOC)	Total Depth (ft- TOC)	Groundwater Elevation MSL (NAD 83)
DRWU-1	5.17	0.92	10.66	4.25	1.04	10.66	4.13	0.91	10.66	4.26
DRWU-2	5.63	1.32	11.78	4.31	1.47	11.75	4.16	1.43	11.75	4.20
DRWU-3	16.13	11.56	22.35	4.57	11.36	22.35	4.77	11.30	22.35	4.83
DRWU-4	4.71	0.41	12.15	4.30	0.47	12.15	4.24	0.43	12.15	4.28
DRWU-5	2.80	-1.22	8.82	4.02	-0.96	8.80	3.76	-1.00	8.80	3.80
DRWL-1	7.35	2.92	31.90	4.43	2.69	31.90	4.66	2.64	31.90	4.71
DRWL-2	3.09	-0.55	26.95	3.64	-0.54	26.91	3.63	-0.50	26.91	3.59
DRWL-3	3.87	0.00	28.87	3.87	0.04	28.85	3.83	0.01	28.85	3.86
DRWL-4	5.65	1.70	30.45	3.95	1.68	30.45	3.97	1.55	30.45	4.10
DRWL-5	5.74	-0.11	29.65	5.85	0.58	29.65	5.16	0.57	29.65	5.17
DRWL-6	17.36	13.56	40.82	3.80	13.02	40.80	4.34	13.01	40.82	4.35
DRWL-7	2.76	-1.10	27.15	3.86	-0.93	27.12	3.69	-1.03	27.15	3.79
DRWL-8	3.17	-0.69	28.65	3.86	-0.65	28.63	3.82	-0.70	28.63	3.87
DRWL-9	4.69	0.50	28.30	4.19	0.77	28.30	3.92	0.38	28.30	4.31
DRWL-10	6.46	2.91	30.60	3.55	2.90	30.55	3.56	2.77	30.60	3.69
DRWL-11	9.05	5.66	33.15	3.39	5.55	33.15	3.50	5.39	33.15	3.66

## Notes:

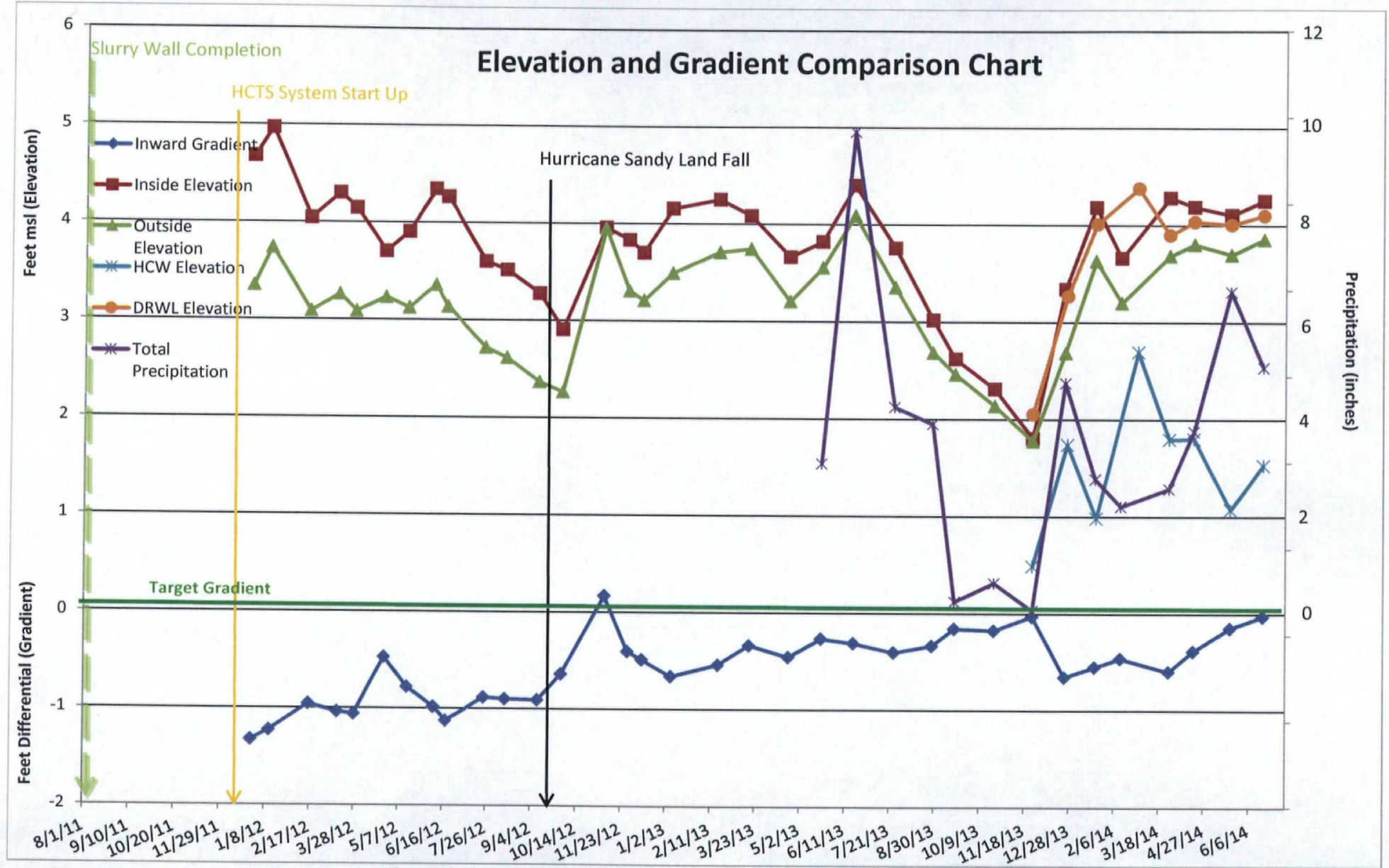
\* Measurements collected June 4, 2014 due to access issues.

**STANDARD CHLORINE CHEMICAL CO. INC. SITE - O&M STATUS REPORT**  
**QUARTERLY REPORT No. 06**  
**REPORTING PERIOD - APRIL - JUNE 2014**  
**KEARNY, NEW JERSEY**

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**FIGURES**

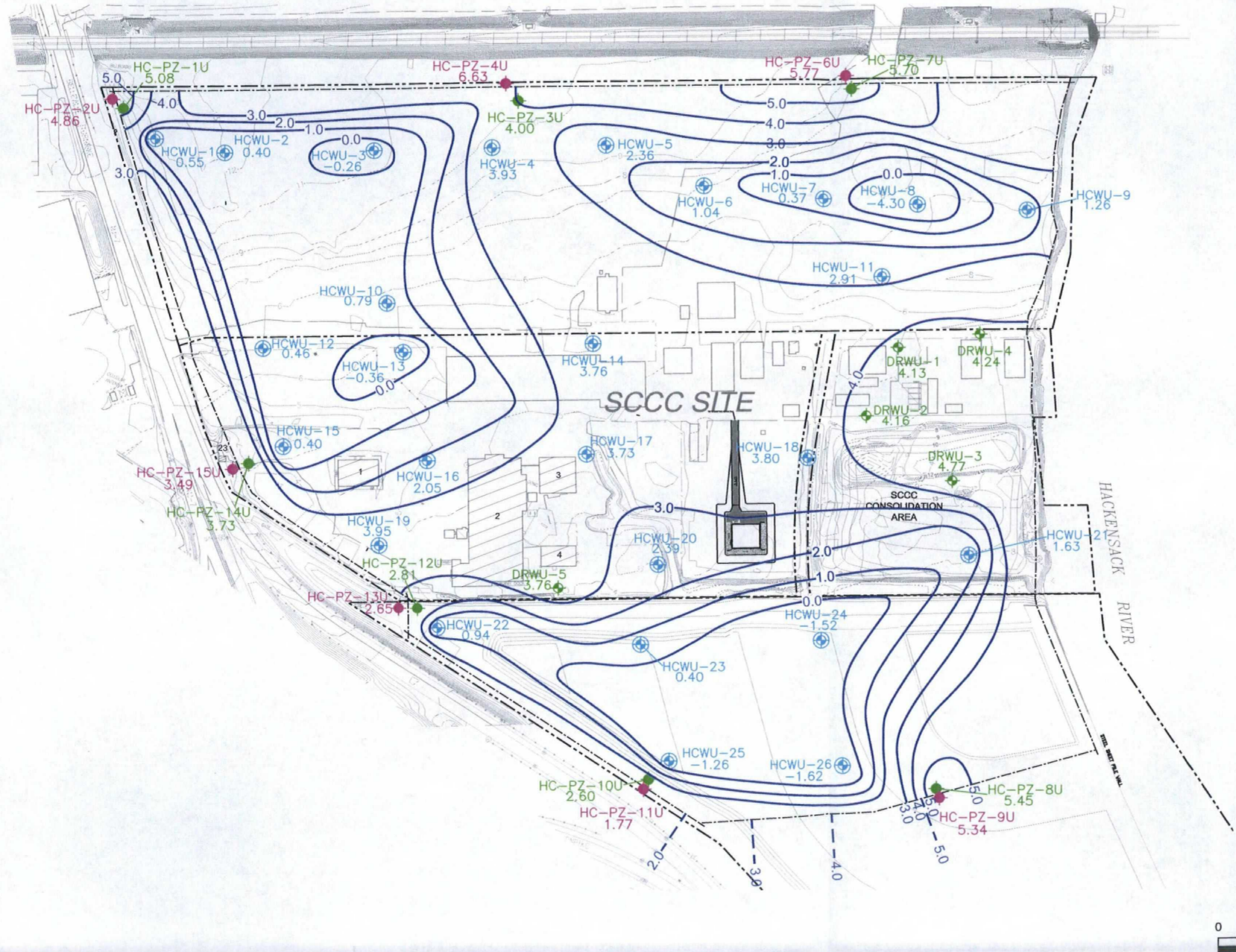
Figure 1  
Standard Chlorine Chemical Company  
4th Quarter 2013 Progress Report



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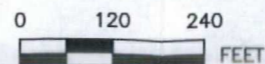
REV #	DATE	DESCRIPTION	APPD

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LEGEND

- EXISTING ACCESS ROAD
- EXISTING NEW JERSEY TRANSIT RAILROAD (ACTIVE)
- EXISTING FENCE
- PROPERTY BOUNDARY
- EXISTING GROUND SURFACE ELEVATION CONTOURS
- EXISTING STREAM, POND AND RIVER BANK
- EXISTING STRUCTURE
- SLURRY WALL LOCATION
- FILL UNIT GROUNDWATER EXTRACTION (HYDRAULIC CONTROL) WELL LOCATION - UPPER ZONE
- FILL UNIT DNAPL RECOVERY WELL LOCATION - UPPER ZONE
- HYDRAULIC CONTROL PIEZOMETER UPPER ZONE - OUTSIDE WALL
- HYDRAULIC CONTROL PIEZOMETER UPPER ZONE - INSIDE WALL
- 1.10 GROUNDWATER ELEVATION
- 1.0 GROUNDWATER ELEVATION CONTOUR



PENINSULA RESTORATION GROUP

DRWN: SOC  
CHKD: MV  
APPD: JSZ  
SCALE: AS SHOWN

DATE: 04/30/14  
DATE: 04/30/14  
DATE: 04/30/14

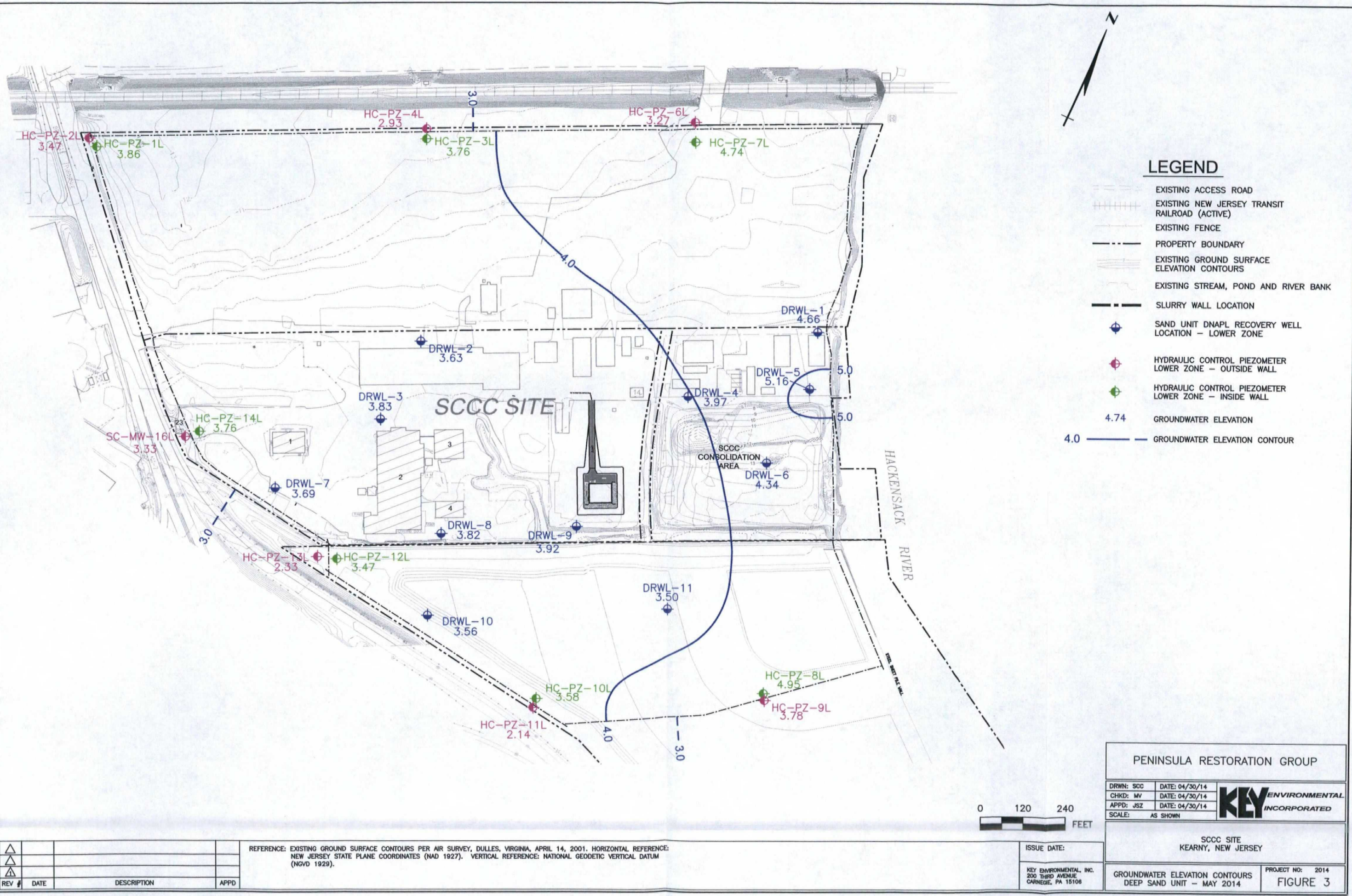
ISSUE DATE:  
KEY ENVIRONMENTAL, INC.  
200 THIRD AVENUE  
CARNEGIE, PA 15106

SCCC SITE  
KEARNY, NEW JERSEY

GROUNDWATER ELEVATION CONTOURS  
SURFICIAL FILL UNIT- MAY 2014

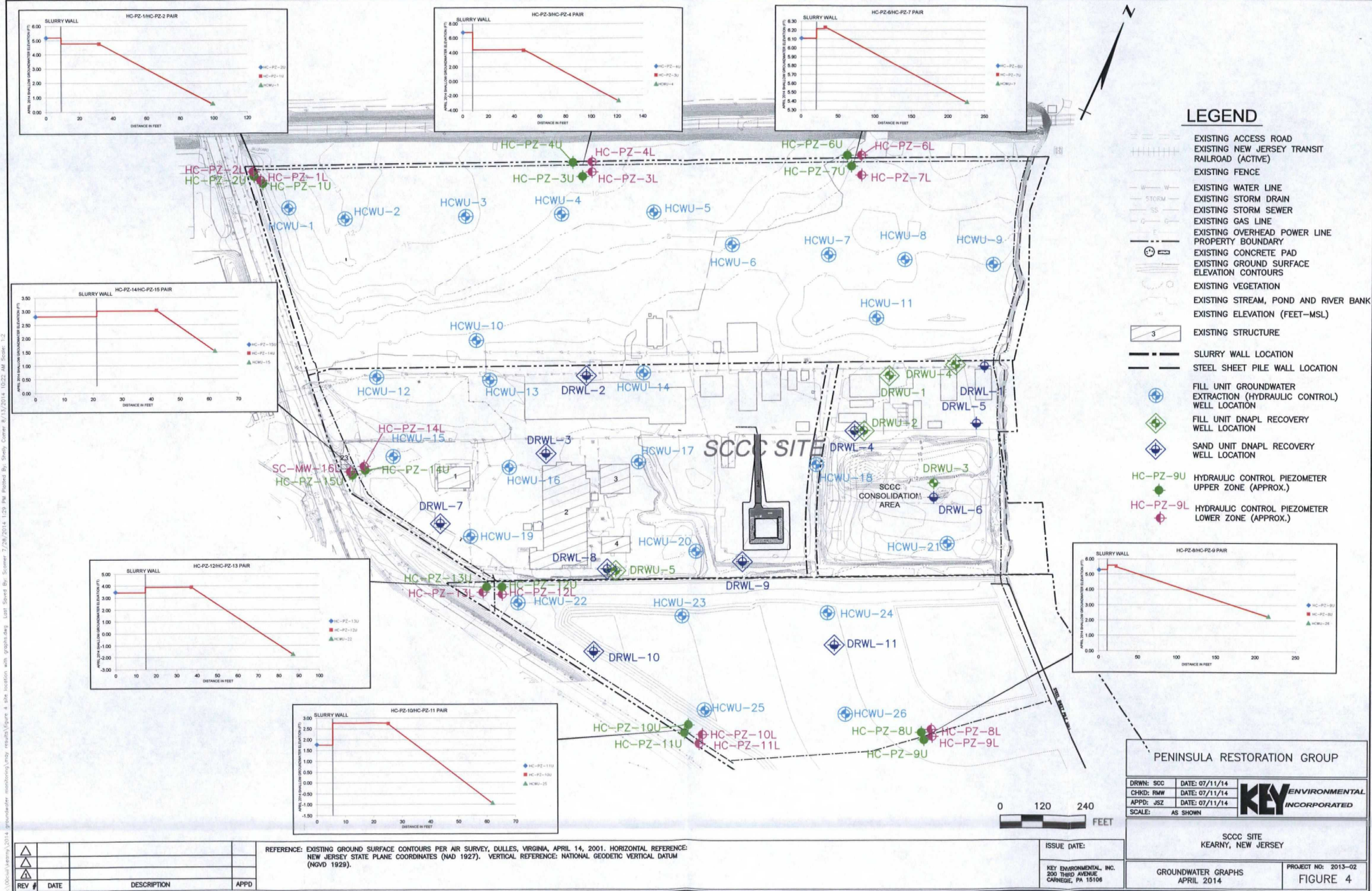
PROJECT NO: 2014  
FIGURE 2

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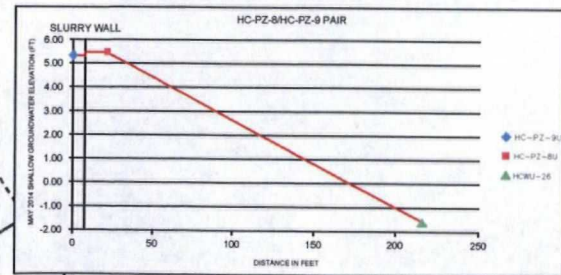
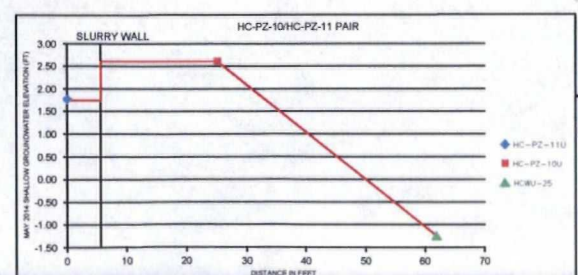
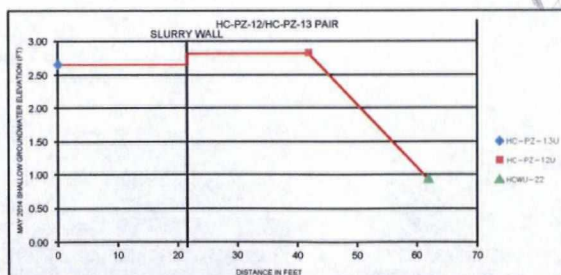
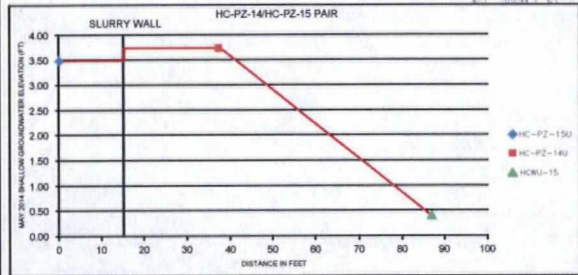
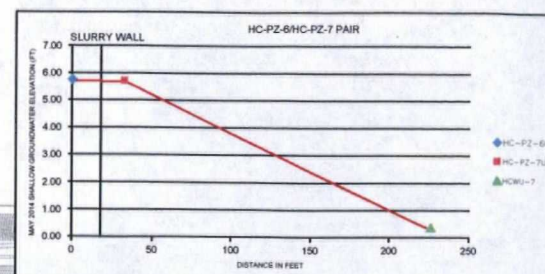
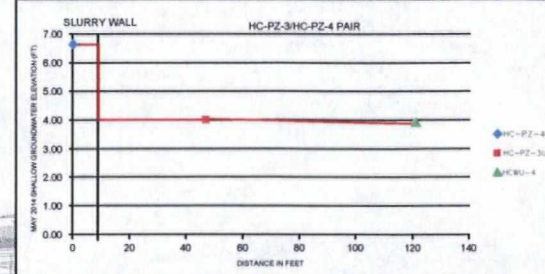
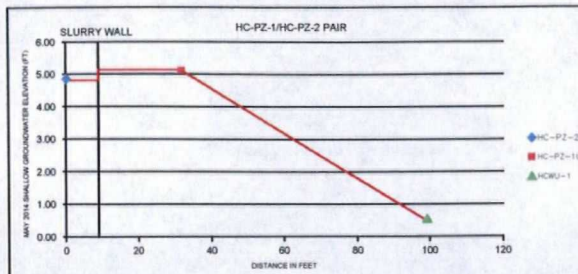


REFERENCE: EXISTING GROUND SURFACE CONTOURS PER AIR SURVEY, DULLES, VIRGINIA, APRIL 14, 2001. HORIZONTAL REFERENCE: NEW JERSEY STATE PLANE COORDINATES (NAD 1927). VERTICAL REFERENCE: NATIONAL GEODETIC VERTICAL DATUM (NGVD 1929).

REV	DATE	DESCRIPTION	APPD



Y:\00000000\2014\groundwater monitoring\may results\figure 5 site location with graphing.dwg Last Saved By: Steven 7/28/2014 3:34 PM Plotted By: Spelly Corner 8/13/2014 10:22 AM Scale: 1:2

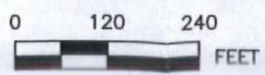


- ### LEGEND
- EXISTING ACCESS ROAD
  - EXISTING NEW JERSEY TRANSIT RAILROAD (ACTIVE)
  - EXISTING FENCE
  - EXISTING WATER LINE
  - EXISTING STORM DRAIN
  - EXISTING STORM SEWER
  - EXISTING GAS LINE
  - EXISTING OVERHEAD POWER LINE
  - PROPERTY BOUNDARY
  - EXISTING CONCRETE PAD
  - EXISTING GROUND SURFACE ELEVATION CONTOURS
  - EXISTING VEGETATION
  - EXISTING STREAM, POND AND RIVER BANK
  - EXISTING ELEVATION (FEET-MSL)
  - EXISTING STRUCTURE
  - SLURRY WALL LOCATION
  - STEEL SHEET PILE WALL LOCATION
  - FILL UNIT GROUNDWATER EXTRACTION (HYDRAULIC CONTROL) WELL LOCATION
  - FILL UNIT DNAPL RECOVERY WELL LOCATION
  - SAND UNIT DNAPL RECOVERY WELL LOCATION
  - HC-PZ-9U HYDRAULIC CONTROL PIEZOMETER UPPER ZONE (APPROX.)
  - HC-PZ-9L HYDRAULIC CONTROL PIEZOMETER LOWER ZONE (APPROX.)

NOTE: HCWU-3, 7, 8, 9, 11, 12 AND 13 WERE OFFLINE AT THE TIME OF WATER LEVEL MEASUREMENTS.

REFERENCE: EXISTING GROUND SURFACE CONTOURS PER AIR SURVEY, DULLES, VIRGINIA, APRIL 14, 2001. HORIZONTAL REFERENCE: NEW JERSEY STATE PLANE COORDINATES (NAD 1927). VERTICAL REFERENCE: NATIONAL GEODETIC VERTICAL DATUM (NGVD 1929).

REV	DATE	DESCRIPTION	APPD



PENINSULA RESTORATION GROUP

DRWN: SOC DATE: 07/11/14

CHKD: RMW DATE: 07/11/14

APPD: JSZ DATE: 07/11/14

SCALE: AS SHOWN

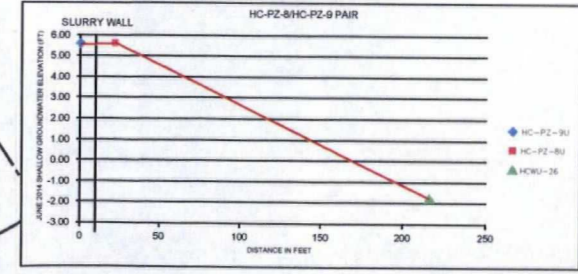
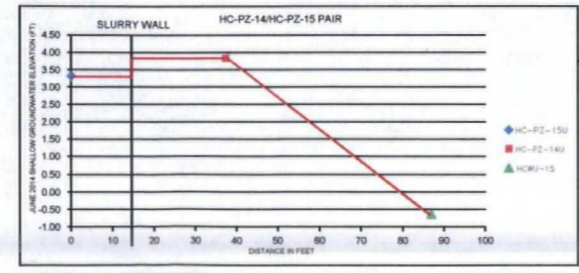
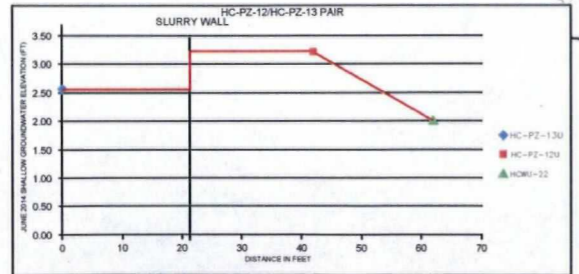
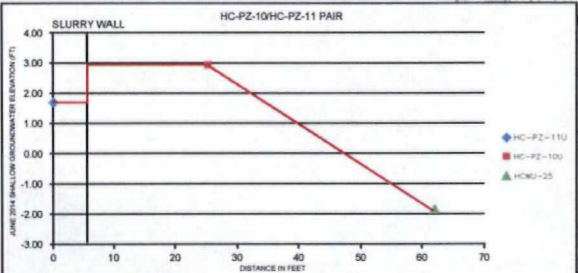
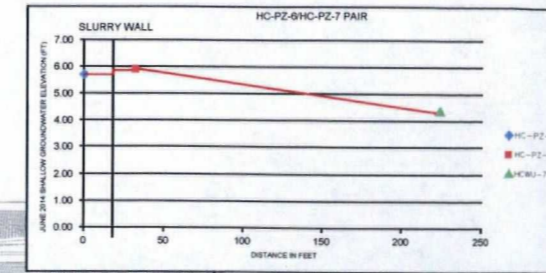
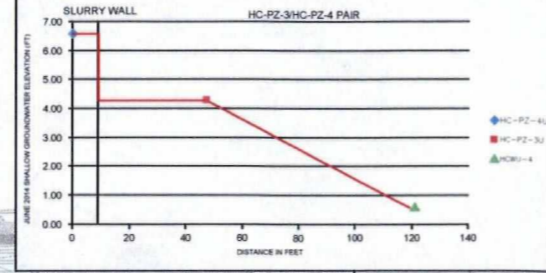
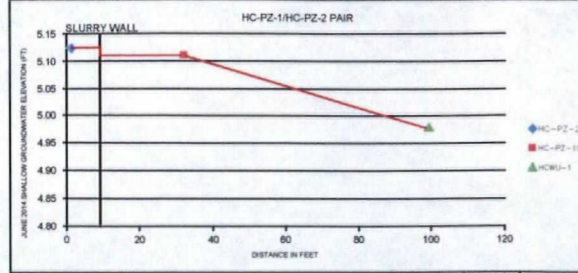
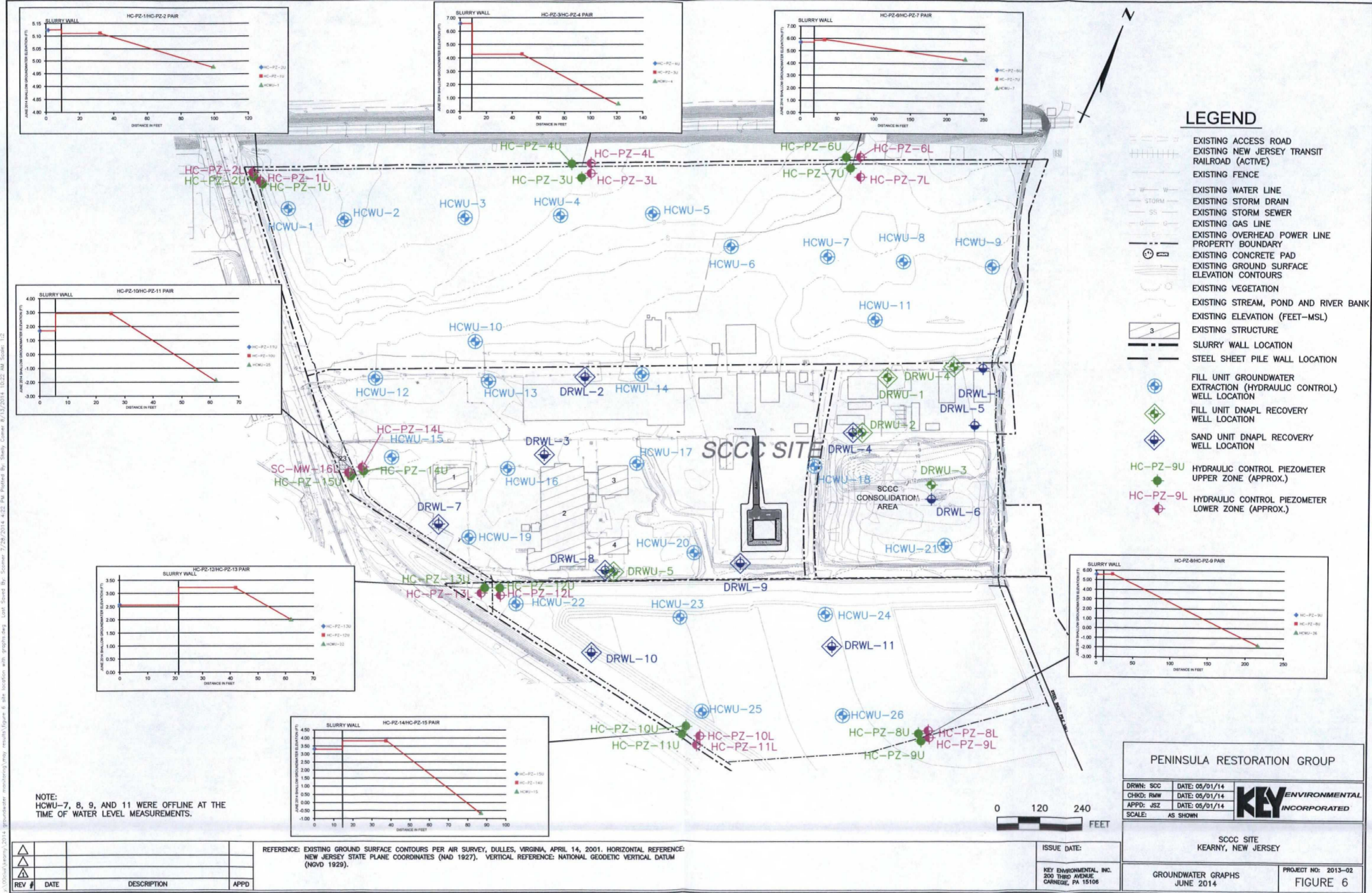
**KEY** ENVIRONMENTAL INCORPORATED

SCCC SITE  
KEARNY, NEW JERSEY

GROUNDWATER GRAPHS  
MAY 2014

PROJECT NO: 2013-02  
FIGURE 5

ISSUE DATE:  
  
KEY ENVIRONMENTAL, INC.  
200 THIRD AVENUE  
CARNEGIE, PA 15106



NOTE:  
HCWU-7, 8, 9, AND 11 WERE OFFLINE AT THE  
TIME OF WATER LEVEL MEASUREMENTS.

REFERENCE: EXISTING GROUND SURFACE CONTOURS PER AIR SURVEY, DULLES, VIRGINIA, APRIL 14, 2001. HORIZONTAL REFERENCE:  
NEW JERSEY STATE PLANE COORDINATES (NAD 1927). VERTICAL REFERENCE: NATIONAL GEODETIC VERTICAL DATUM  
(NGVD 1929).

REV #	DATE	DESCRIPTION	APPD

PENINSULA RESTORATION GROUP

DRWN: SCC  
CHKD: RMW  
APPD: JSZ  
SCALE: AS SHOWN

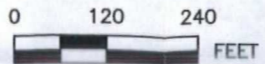
DATE: 05/01/14  
DATE: 05/01/14  
DATE: 05/01/14

**KEY** ENVIRONMENTAL  
INCORPORATED

SCCC SITE  
KEARNY, NEW JERSEY

GROUNDWATER GRAPHS  
JUNE 2014

PROJECT NO: 2013-02  
FIGURE 6



ISSUE DATE:  
  
KEY ENVIRONMENTAL, INC.  
200 THIRD AVENUE  
CARNEGIE, PA 15106